

IN THE CLAIMS:

Please cancel claims 17-22 and 27-50 without prejudice, and amend claims 14 and 23 as follows:

1-13. (Cancelled)

14. (Currently Amended) A liquid crystal display apparatus comprising:

first and second substrates which are disposed facing each other, a liquid crystal sealed between said first and second substrates;

a first electrode formed on the liquid crystal side surface of the first substrate;

a second electrode formed on the liquid crystal side surface of the second substrate;

alignment control layers which cover the surfaces of said first and second electrodes and control the alignment direction of liquid crystal molecules, when no voltage is applied, to be roughly vertical to the substrate face; and

bumps which are formed on at least one surface of said first and second substrates and determine tilting directions of the liquid crystal molecules when voltage is applied,

wherein both of said alignment control layers and said bumps are formed of a polymerizing-a-polymerizable compound included in said liquid crystal, and the alignment

direction of the liquid crystal molecules near the bumps when no voltage is applied is roughly vertical to the substrate face.

15. (Original) A liquid crystal display apparatus according to claim 14, wherein both of said first and second substrates and both of said first and second electrodes are transparent.

16. (Original) A liquid crystal display apparatus according to claim 14, wherein at least part of said bumps contacts said first and second substrates.

17-22. (Cancelled)

23. (Currently Amended) A liquid crystal display apparatus comprising:

first and second substrates which are disposed facing each other;

a liquid crystal sealed between said first and second substrates;

tilt control sections which are disposed on at least one of said first and second substrates and determine the tilting directions of the liquid crystal molecules when voltage is applied; and

alignment control layers which are formed on the liquid crystal side faces of the first and second substrates and control the alignment direction of the liquid crystal molecules, when no voltage is applied, to be roughly vertical to the substrate face,

wherein said alignment control layers are formed of a polymerizable compound included in said liquid crystal.

24. (Previously Presented) A liquid crystal display apparatus according to claim 23, wherein said tilt control sections are bumps or dents on at least one of said first and second substrates.

25. (Original) A liquid crystal display apparatus according to claim 23, wherein said tilt control sections are sections formed by a rubbing treatment on the bases of the alignment control layers.

26. (Original) A liquid crystal display apparatus according to claim 23, wherein said tilt control sections are formed by changing the surface energy of said bases of the alignment control layers.

27-50. (Cancelled)